

IN THE CLAIMS

Claims 1-3 and 6-8 are pending in this application. Please cancel claims 10, 11, and 13-19 without prejudice or disclaimer, and amend claim 1 as follows:

1. (Currently Amended) A traffic control computing device comprising:
 - a traffic control interface connected to traffic control devices which control traffic in a network using various filtering capabilities;
 - a traffic control request interface connected to traffic control request detecting devices which determine whether ~~[[a]]~~ traffic control must be executed by said traffic control devices;
 - a first storage device in which information about traffic control received via the traffic control request interface and a traffic control method list are ~~[[is]]~~ stored, the traffic control method list including a list of processes currently executed by each of the traffic control devices;
 - a traffic control computing unit connected to said traffic control interface, and connected to said traffic control request interface, and connected to said first storage device;
 - a second storage device in which capabilities of the traffic control devices are stored; and
 - a traffic control computing management interface,wherein said traffic control computing unit computes traffic control algorithms based on traffic control requests received from said traffic control request detecting devices and stored in the first storage device and the capabilities of the traffic control devices stored in the second storage device, overwrites the traffic control method list stored in the first storage device based on the traffic control algorithms, and sends traffic control information based on the overwritten traffic control method list to the traffic control device ~~and sends the traffic control algorithms to said traffic control interface~~,
- wherein said traffic control computing unit compares information about a sender of a second traffic control request received through said traffic control request interface for a match with any of traffic control information objects stored in said first storage device and rejects said second traffic control request if the information about said sender of the second request is not stored in said first storage device,

wherein said traffic control computing management interface is configured to operate as a contact point for communicating with a network administrator, and

wherein said traffic control computing unit checks whether said second traffic control request received logically conflicts with any traffic control request stored in said first storage device and,

if said second traffic control request received logically conflicts with any traffic control request stored in said first storage device, compares information about the sender of the second traffic control request with information about the sender of said traffic control request that logically conflicts with said second traffic request received, and,

if both the senders are different, sends a notification of the logical confliction to said traffic control computing management interface.

2. (Previously Presented) The traffic control computing device according to claim 1, further comprising:

an information unit for acquiring information objects about traffic control details per traffic control device associated with IDs of the traffic control devices, the traffic control details being now executed separately by said traffic control devices; and

a second storage device in which said acquired information objects about traffic control details per traffic control device associated with the IDs of the traffic control devices are stored.

3. (Original) The traffic control computing device according to claim 1, wherein IDs of said traffic control request detecting devices are stored in said first storage device.

- 4-5. (Canceled)

6. (Previously Presented) The traffic control computing device according to claim 1, wherein, if both said senders match, said traffic control computing unit is structured to assume that said sender of said traffic control request that conflicts with the second traffic control request sent a request to cancel said traffic control request that conflicts with the second traffic control request.

7. (Previously Presented) The traffic control computing device according to claim 2, wherein, when said information acquiring unit has been successful in newly acquiring a traffic control information object from a traffic control device among the traffic control devices, said traffic control computing unit is structured to determine that said traffic control device among the traffic control devices is operating and updates the traffic control information object for the traffic control device among the traffic control devices stored in said first storage device to said traffic control information object newly acquired.
8. (Previously Presented) The traffic control computing device according to claim 2, wherein when a traffic control information object has failed to be acquired from a traffic control device among the traffic control devices, said traffic control computing unit determines that said traffic control device among the traffic control devices is not operating and deletes the traffic control information object for the traffic control device determined as being non-operating from said storage device.
- 9-19. (Canceled)